

SONAR CASE STUDY

# **Grupo Financiero Banorte**

#### Introduction

Grupo Financiero Banorte is a banking and financial services holding company with headquarters in Monterrey and Mexico City. It is one of the four largest commercial banks of Mexico by assets and loans, and the largest retirement fund administrator.

"Sonar helps us maintain coding standards and cleanliness. It's a great solution for Clean Code."

## Challenges

The top reasons that Grupo Financiero Banorte, a banking and financial services holding company, selected Sonar are:

- To establish organization-wide Clean Code standards for their codebase
- To minimize application maintenance time and costs
- To establish best coding practices in the team

#### **Use Case**

The key SonarQube features and functionalities that Grupo Financiero Banorte, S.A. De C.V. uses are:

Quality Gates to support the Clean as You Code methodology

For Grupo Financiero Banorte, S.A. De C.V., running SonarQube always helps them to find and fix issues in their code without leaving their development workflow. Plus, the development team always practices Clean as You Code with recommended Quality Gates on new code.

## Results

With Sonar, Grupo Financiero Banorte, S.A. De C.V. has gained advantages

- Speed of analysis
- Detecting issues (bugs, vulnerabilities, hotspots, etc.)
- Contextual guidance in the development workflow
- Support for languages, frameworks, and infrastructure technologies
- Administration of code quality standards using quality gates

Since selecting Sonar, Podemos Progresar saw a return on their investment in less than six months. They've also saved more than 15 hours per week or more on average in their development workflow. Sonar has enabled them to achieve their Clean Code goals predictably and systematically.

Grupo Financiero Banorte, S.A. De C.V. has also seen significant results from implementing Clean as You Code, including:

- Focusing efforts on making sure new code is clean instead of addressing technical debt
- Reinforcing coding best practices
- Enabling develops to write high-quality code the first time

Grupo Financiero Banorte, S.A. De C.V. sees Sonar as the best solution for Clean Code.

#### Company Profile

Company: Grupo Financiero Banorte, S.A. de C.V.

Company Size: **Small Business** 

Industry: **Banking** 

## **About Sonar**

Sonar's industry-leading solution enables developers and development teams to write clean code and remediate existing code organically, so they can focus on the work they love and maximize the value they generate for businesses. Its opensource and commercial solutions - SonarLint, SonarCloud, and SonarQube – support 30 programming languages, frameworks, and infrastructure technology. Trusted by more than 350,000 organizations globally, Sonar is considered integral to delivering better software.

Learn More:

☑ Sonarsource

Source: Ricky Lopez, Security Architect/AppSec Manager, Grupo Financiero Banorte, S.A. de C.V.

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